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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : St. Goar et al.
Serial No. : 10/635,776
Filed : August 5, 2003
Title : METHODS AND APPARATUS FOR CARDIAC VALVE REPAIR

Art Unit : 3738
Examiner : Thomas C. Barrett
Conf. No. : 1704

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

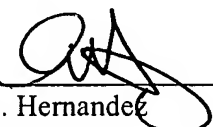
TRANSMITTAL LETTER

Dear Sir:

Transmitted herewith are a Supplemental Information Disclosure Statement, Forms PTO-1449 (3 pages), cited non U.S. Patent references, a return postcard, a copy of the Information Disclosure Statement filed 29 September 2003, and a copy of the date-stamped return postcard filed on 29 September 2003 for filing in connection with the above-identified application. Because this Information Disclosure Statement is filed prior to receipt of a first office action on the merits in the above-referenced application, no fee is due. However, should it be determined that a fee for filing these papers is required, the Commissioner is authorized to charge Deposit Account No. 06-1050, as stated below:


☒ The Commissioner is hereby authorized to charge any fees that may be due in connection with this paper or with this application during its entire pendency to Deposit Account No. 06-1050.

Respectfully submitted,

Date: March 20, 2007
Fred C. Hernandez
Reg. No. 41,832

PTO Customer No. 20985
Fish & Richardson P.C.
12390 El Camino Real
San Diego, California 92130
Telephone: (858) 678-5070
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CERTIFICATE OF MAILING BY FIRST CLASS MAIL
I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit March 20, 2007
Signature

Eric Butler



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : St. Goar et al. Art Unit : 3738
Serial No. : 10/635,776 Examiner : Thomas C. Barrett
Filed : August 5, 2003 Conf. No. : 1704
Title : METHODS AND APPARATUS FOR CARDIAC VALVE REPAIR

MAILSTOP AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN
ACCORDANCE WITH 37 C.F.R. §§1.97-1.98**

Dear Sir:

Because this Supplemental Information Disclosure Statement is filed before the receipt of a First Office Action on the Merits for the above-captioned application, a fee for filing this statement should not be due. If, however, it is determined that a fee is due, any fees that may be due in connection with filing this paper may be charged to Deposit Account No. 06-1050.

In accordance with the duty of disclosure imposed by 37 C.F.R. §1.56 to inform the Patent Office of all information known by Applicant or Applicant's representative that may be material to the examination of the subject application, Applicant's representative hereby provides this Supplemental Information Disclosure Statement that is prepared in accordance with 37 C.F.R. §§1.97-1.98. Form PTO-1449 (3 pages) and copies of the cited non-U.S. patent documents are provided herewith in connection with the above-captioned application.

In the Office Action mailed 9 March 9 2007 the Examiner states that the Information Disclosure Statement filed 29 September 2003 was incomplete and that only one out of five pages were considered. We provide herewith as evidence of the complete submission a copy of the PTO/SB/21 Transmittal form (1 page), Information Disclosure Statement (2 pages), PTO/SB/08A form (5 pages) and the return postcard date-stamped by the OIPE on 29

CERTIFICATE OF MAILING BY FIRST CLASS MAIL
I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

March 20, 2007

Date of Deposit

Signature

Eric Butler

Eric Butler

September 2003. The references listed in the "missing" pages are provided herewith in the PTO-1449 form for your consideration.

The documents listed on the Form PTO-1449 are in the English language. Hence, in accordance with the requirements of 37 C.F.R. §1.98, as amended effective March 16, 1992, no further explanation of the listed item is necessary.

Applicant also makes known to the Examiner the following pending U.S. and International Applications that have one or more common inventors and/or are commonly owned:

<u>U.S.S.N.</u>	<u>Filing Date</u>	<u>Publication No.</u>	<u>Docket No.</u>
10/820,581	04/07/04	2005/0033446	17315-002002
10/927,263	08/25/04	n/a	20489-000160US
10/927,589	08/25/04	n/a	20489-000150US
11/349,742	02/07/06	2006/0229708	17315-004001
11/411,441	04/25/06	2007/0038293	17315-005001

<u>Intl. Ser. No.</u>	<u>Filing Date</u>	<u>Publication No.</u>	<u>Docket No.</u>
PCT/US06/004368	02/07/06	WO 06/086434	17315-004WO1
PCT/US06/015941	04/25/06	WO 06/116558	17315-005WO1

Although these documents are made known to the Patent and Trademark Office in compliance with Applicant's duty of disclosure, such disclosure is not to be construed as an admission by Applicant or Applicant's representative that any of the references or information, singly or in any combination thereof, is effective as prior art against the subject application. In accordance with 37 C.F.R. §1.97 (g and h), the filing of this Supplemental Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56 (b) exists.

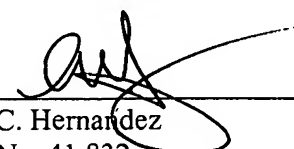
Applicant : St. Goar et al.
Serial No. : 10/635,776
Filed : August 5, 2003
Page : 3 of 3

Attorney's Docket No.: 17315-002001
Suppl. Information Disclosure Statement

Applicant respectfully requests that the Examiner review the foregoing references and make them of record in the file history of the above-captioned application.

Respectfully submitted,

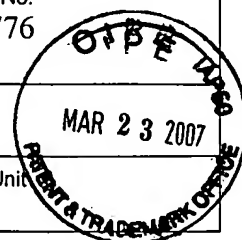
Date: March 20, 2007



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Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b))		Applicant St. Goar et al.	
		Filing Date August 5, 2003	Group Art Unit 3738



U.S. Patent Documents							
Examiner Initial	Design ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2002/0087148	07/04/02	Brock et al.			
	AB	2002/0087169	07/04/02	Brock et al.			
	AC	2003/0120341	06/26/03	Shennib et al.			
	AD	2005/0149014	07/07/05	Hauck et al.			
	AE	2006/0020275	1/26/06	Goldfarb et al.			
	AF	2007/0038293	2/15/07	St. Goar et al.			
	AG	5,618,306	04/08/97	Roth et al.			
	AH	5,634,932	06/03/97	Schmidt			
	AI	5,640,955	06/24/97	Ockuly et al.			
	AJ	5,713,910	02/03/98	Gordon et al.			
	AK	5,716,367	02/10/98	Koike et al.			
	AL	5,718,725	02/17/98	Sterman et al.			
	AM	5,769,812	06/23/98	Stevens et al.			
	AN	5,797,927	08/25/98	Yoon			
	AO	5,797,960	08/25/98	Stevens et al.			
	AP	5,810,847	09/22/98	Laufer et al.			
	AQ	5,823,956	10/20/98	Roth et al.			
	AR	5,824,065	10/20/98	Gross			
	AS	5,827,237	10/27/88	Macoviak et al.			
	AT	5,829,447	11/03/98	Stevens et al.			
	AU	5,833,671	11/10/98	Macoviak et al.			
	AV	5,836,955	11/17/98	Buelna et al.			
	AW	5,840,081	11/24/98	Anderson et al.			
	AX	5,855,614	01/05/99	Stevens et al.			
	AY	5,879,307	03/09/99	Chio et al.			
	AZ	5,885,271	03/23/99	Hamilton et al.			
	BA	5,928,224	07/27/99	Laufer			

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 17315-002001	Application No. 10/635,776
List of Patents and Publications for Applicant's Information Disclosure Statement (37 CFR §1.98(b))		Applicant St. Goar et al.	
		Filing Date August 5, 2003	Group Art Unit 3738

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BB	5,947,363	09/07/99	Bolduc et al.			
	BC	5,954,732	09/21/99	Hart et al.			
	BD	5,980,455	11/09/99	Daniel et al.			
	BE	5,989,284	11/23/99	Laufer			
	BF	6,019,722	02/01/00	Spence et al.			
	BG	6,117,144	09/12/00	Nobles et al.			
	BH	6,165,183	11/26/00	Kuehn et al.			
	BI	6,210,432	04/03/01	Solem et al.			
	BJ	6,269,819	08/07/01	Oz et al.			
	BK	6,306,133	10/23/01	Tu et al.			
	BL	6,312,447	11/06/01	Grimes			
	BM	6,355,030	03/12/02	Aldrich et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	BN	06/116558	11/2/06	PCT				
	BO	06/086434	8/17/06	PCT				
	BP	81/00668	03/19/81	PCT				
	BQ	1598111	09/16/81	UK				
	BR	2151142	07/17/85	UK				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	BS	Abe, T., et al., "De Vega's annuloplasty for acquired tricuspid disease: Early and late results in 110 patients," Annals of Thoracic Surgery, 48:670-676, (1989).
	BT	Abe, T., et al., "Updated: De Vega's annuloplasty for acquired tricuspid disease: Early and late results in 110 patients," Annals of Thoracic Surgery, 62:1876-1877, (1996).
	BU	Alvarez, J.M., et al., "Repairing the degenerative mitral valve: ten-to-fifteen-year follow-up," Journal of Thoracic and Cardiovascular Surgery, 112:238-247, (1996).

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 17315-002001	Application No. 10/635,776
List of Patents and Publications for Applicant's Information Disclosure Statement				Applicant St. Goar et al.	
				Filing Date August 5, 2003	Group Art Unit 3738
(37 CFR §1.98(b))					
Other Documents (include Author, Title, Date, and Place of Publication)					
Examiner Initial	Desig. ID	Document			
	BV	Bach, D.S. and S.F. Bolling, "Early improvement in congestive heart failure after correction of secondary mitral regurgitation in end-stage cardiomyopathy," American Heart Journal, 129:1165-1170, (1995).			
	BW	Bach, D.S. and S.F. Bolling, "Improvement following correction of secondary mitral regurgitation in end-stage cardiomyopathy with mitral annuloplasty," American Journal of Cardiology, 78:966-969, (1996).			
	BX	Bailey, C.P., et al., <i>Surgery of the Heart</i> , Lea & Febiger, Philadelphia, P.A., 686-737, (1955).			
	BY	Bolling, S.F., et al., "Surgery for acquired heart disease," Journal of Thoracic and Cardiovascular Surgery, 109(4):676-683, (1995).			
	BZ	Dec, G.W. and V.F. Fuster, et al., "Idiopathic dilated cardiomyopathy," New England Journal of Medicine, 331:1564-1575, (1994).			
	CA	Fucci, C., et al., "Improved results with mitral valve repair using new surgical techniques," European Journal of Cardiothoracic Surgery, 9:621-627 (Medline enclosed herewith), (1995).			
	CB	Kameda, Y., et al., "Annuloplasty for severe mitral regurgitation due to dilated cardiomyopathy," Annals of Thoracic Surgery, 61:1829-1832, (1996).			
	CC	Khan, M.A., et al., "Blade atrial septostomy: experience with the first 50 procedures," Catheterization and Cardiovascular Diagnosis, 23:257-262, (1991).			
	CD	Maisano, F., et al., "The edge-to-edge technique: a simplified method to correct mitral insufficiency," European Journal of Cardio-thoracic Surgery, 13:240-246, (1998).			
	CE	McCarthy, J.F. and D.M. Cosgrove, "Tricuspid valve repair with the Cosgrove-Edwards annuloplasty system," Annals of Thoracic Surgery, 64(1):267-268, (1997).			
	CF	Park, S.C., et al., "Clinical use of a blade atrial septostomy," Circulation, 58:600-608, (1978).			
	CG	Reul, R.M. and L. H. Cohn II, "Mitral valve reconstruction for mitral insufficiency," Progress in Cardiovascular Diseases, 39(6):567-599, (1997).			
	CH	Ricchi, A., et al., "Linear segmental annuloplasty for mitral valve repair," Annals of Thoracic Surgery, 63:1805-1806, (1997).			
	CI	Tager, R., et al., "Long-term follow-up of Rheumatic patients undergoing left-sided valve replacement with tricuspid annuloplasty-Validity of preoperative echocardiographic criteria in the decision to perform tricuspid annuloplasty," American Journal of Cardiology, 81:1013-1016, (1998).			
	CJ	Uchida, Y., et al., "Percutaneous cardiomyotomy and valvulotomy with guidance," American Heart Journal, 121:1221-1224, (1991).			
	CK	Umana, J., et al., "Bow-tie mitral valve repair successfully addresses subvalvular dysfunction in ischemic mitral regurgitation," Surgical Forum, 279-280, (1997).			
	CL	Umana, J.P., et al., "Bow-tie mitral valve repair: an adjuvant technique for ischemic regurgitation," Annals of Thoracic Surgery, 66:1640-1646, (1998).			

Examiner Signature	Date Considered
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/635,776
	Filing Date	August 5, 2003
	First Named Inventor	ST. GOAR, FREDERICK G.
	Art Unit	Unassigned
	Examiner Name	Unassigned
Total Number of Pages in This Submission	Attorney Docket Number	020489-000140US

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Postcard PTO/SB/08A and /08B Form 0 Reference Copies
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Remarks: The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

COPY

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual	Townsend and Townsend and Crew LLP Lynn M. Thompson Reg. No. 47,991
Signature	<i>Lynn M. Thompson</i>
Date	9/25/03

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Edward Masinas		
Signature	<i>Edward Masinas</i>	Date	9-26-03

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Attorney Docket No.: 020489-000140US

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

On

9-26-03

TOWNSEND and TOWNSEND and CREW LLP

By:

Edward Masinas

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re application of:

St. Goar et al.

Application No.: 10/635,776

Filed: August 5, 2003

For: METHODS AND APPARATUS
FOR CARDIAC VALVE REPAIR

Examiner: Unassigned

Art Unit: Unassigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. In accordance with 37 CFR §1.98(d), copies of the references can be found in Application No. 09/544,930, filed April 7, 2000 (Attorney Docket No. 020489-000110US). It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no

representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

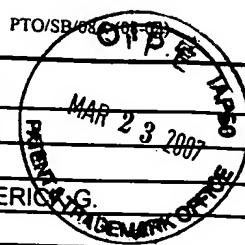
Respectfully submitted,


Lynn M. Thompson
Reg. No. 47,991

TOWNSEND and TOWNSEND and CREW LLP
Two Embarcadero Center, 8th Floor
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Fax: 650-326-2422
LMT:bjl
60045830 v1

PTO/SB/08-001-01

Substitute for form 1449A/PTO <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p>		<div style="text-align: right; font-weight: bold;">Complete if Known</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/635,776</td> </tr> <tr> <td>Filing Date</td> <td>August 5, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>ST. GOAR, FREDERICK G.</td> </tr> <tr> <td>Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket Number</td> <td>020489-000140US</td> </tr> </table>		Application Number	10/635,776	Filing Date	August 5, 2003	First Named Inventor	ST. GOAR, FREDERICK G.	Art Unit	Unassigned	Examiner Name	Unassigned	Attorney Docket Number	020489-000140US
Application Number	10/635,776														
Filing Date	August 5, 2003														
First Named Inventor	ST. GOAR, FREDERICK G.														
Art Unit	Unassigned														
Examiner Name	Unassigned														
Attorney Docket Number	020489-000140US														
Sheet	1 of 5														



U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	AA	US-2,108,206	02/1938	Meeker	
	AB	US-3,378,010	04/1969	Codling et al.	
	AC	US-3,671,979	06/1972	Moulopoulos	
	AD	US-3,874,338	04/1975	King et al.	
	AE	US-4,056,854	11/1977	Boretos et al.	
	AF	US-4,297,749	11/1981	Davis et al.	
	AG	US-4,484,579	11/1984	Meno et al.	
	AH	US-4,641,366 B1	10/2002	Seguin	
	AI	US-4,809,695	03/1989	Gwathmey et al.	
	AJ	US-4,917,089	04/1990	Sideris	
	AK	US-4,994,077	02/1991	Dobben	
	AL	US-5,042,707	08/1991	Taheri	
	AM	US-5,049,153	09/1991	Nakao et al.	
	AN	US-5,069,679	12/1991	Taheri	
	AO	US-5,171,252	12/1992	Friedland	
	AP	US-5,209,756	05/1993	Seedhom et al.	
	AQ	US-5,226,429	07/1993	Kuzmak	
	AR	US-5,254,130	10/1993	Poncet et al.	
	AS	US-5,332,402	07/1994	Teitelbaum	
	AT	US-5,383,886	01/1995	Kensey et al.	
	AU	US-5,403,326	04/1995	Harrison et al.	
	AV	US-5,411,552	05/1995	Anderson et al.	
	AW	US-5,417,700	05/1995	Egan	
	AX	US-5,423,858	06/1995	Bolanos et al.	
	AY	US-5,423,882	06/1995	Jackman et al.	
	AZ	US-5,450,860	09/1995	O'Connor	
	BA	US-5,478,309	12/1995	Sweezer et al.	
	BB	US-5,478,353	12/1995	Yoon	
	BC	US-5,520,701	05/1996	Lerch	
	BD	US-5,522,873	6/1996	Jackman et al.	
	BE	US-5,536,251	07/1996	Evard et al.	
	BF	US-5,542,949	08/1996	Yoon	
	BG	US-5,554,185	09/1996	Block et al.	
	BH	US-5,571,137	11/1996	Marlow et al.	
	BI	US-5,571,215	11/1996	Sterman et al.	
	BJ	US-5,618,306	04/1997	Roth et al.	
	BK	US-5,634,932	06/1997	Schmidt	
	BL	US-5,640,955	06/1997	Ockuly et al.	
	BM	US-5,713,910	02/1998	Gordon et al.	
	BN	US-5,716,367	02/1998	Koike et al.	
	BO	US-5,718,725	02/1998	Sterman et al.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60045830 v1

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 5

Complete if Known

Application Number	10/635,776
Filing Date	August 5, 2003
First Named Inventor	ST. GOAR, FREDERICK G.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020489-000140US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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	BQ	US-5,797,927	08/1998	Yoon	
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	BT	US-5,823,956		Roth et al.	
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	CS	Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	CT	PCT	WO 81/00668		03/1981			<input type="checkbox"/>
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	CV	United Kingdom	GB 2151142		07/1985			
	CW	Germany	DE 3504292		07/1986			
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 3 of 5

Complete if Known

Application Number	10/635,776
Filing Date	August 5, 2003
First Named Inventor	ST. GOAR, FREDERICK G.
Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	020489-000140US

FOREIGN PATENT DOCUMENTS

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		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	CX	PCT	WO 91/01689		02/1991			
	CY	PCT	WO 92/12690		08/1992			<input type="checkbox"/>
	CZ	Europe	EP 0558031		09/1993			
	DA	PCT	WO 94/18893		09/1994			
	DB	PCT	WO 94/18881		09/1994			<input type="checkbox"/>
	DC	EP	0684012		02/1995			
	DD	PCT	WO 97/39688		10/1997			
	DE	PCT	WO 09/07375		02/1998			
	DF	PCT	WO 98/30153		07/1998			
	DG	PCT	WO 98/35638		08/1998			
	DH	PCT	WO 99/01377		01/1999			<input type="checkbox"/>
	DI	PCT	WO 99/00059		01/1999			<input type="checkbox"/>
	DJ	PCT	WO 99/07354		02/1999			<input type="checkbox"/>
	DK	JP	11089937		06/1999			<input type="checkbox"/>
	DL	PCT	WO 00/03759		01/2000			
	DM	PCT	WO 01/28432		04/2001			<input type="checkbox"/>
	DN	PCT	WO 01/26557		04/2001			

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				Application Number	10/635,776
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				First Named Inventor	ST. GOAR, FREDERICK G.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	4	of	5	Attorney Docket Number	020489-000140US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²	
	DO	Abe et al., "De Vega's annuloplasty for acquired tricuspid disease: Early and late results in 110 patients" Ann. Thorac. Surg. (1989) 48:670-676.		
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	DQ	Alvarez et al., "Repairing the degenerative mitral valve: Ten-to fifteen-year follow-up" J. Thorac. Cardiovasc. Surg. (1996) 112:238-247.		
	DR	Bach et al., "Improvement following correction of secondary mitral regurgitation in end-stage cardiomyopathy with mitral annuloplasty" Am. J. Cardiol. (1996) 78:966-969.		
	DS	Bach et al., "Early improvement in congestive heart failure after correction of secondary mitral regurgitation in end-stage cardiomyopathy" Am. Heart J. (1995) 129:1165-1170.		
	DT	Bailey, "Surgery of the Heart" Chapter 20 (1995) pp. 686-737.		
	DU	Bolling et al., "Surgery for acquired heart disease" (1995) 109:676-683.		
	DV	Dec et al., "Idiopathic dilated cardiomyopathy" N. Engl. J. Med. (1994) 331:1564-1575.		
	DW	Fucci et al., "Improved results with mitral valve repair using new surgical techniques" Eur. J. Cardiothorac. Surg. (1995) 9:621-627 (Medline Record enclosed herewith).		
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	EC	Reul, Ross M. and Cohn, Lawrence II, Mitral Valve Reconstruction for Mitral Insufficiency, Progress in Cardiovascular Diseases, No. 6, May/June, 1997, pp. 567-599, Vol. XXXIX.		
	ED	Ricchi et al., "Linear segmental annuloplasty for mitral valve repair" Ann. Thorac. Surg. (1997) 63:1805-1806.		

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				First Named Inventor	ST. GOAR, FREDERICK G.
				Art Unit	Unassigned
				Examiner Name	Unassigned
Sheet	5	of	5	Attorney Docket Number	020489-000140US

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	EE	Tager et al., "Long-term follow-up of Rheumatic patients undergoing left-sided valve replacement with tricuspid annuloplasty - Validity of preoperative echocardiographic criteria in the decision to perform tricuspid annuloplasty" Am.J. Cardiol. (1998) 81:1013-1016.	
	EF	Uchida et al., "Percutaneous cardiomyotomy and valvulotomy with angioscopic guidance" Am. Heart J. (1991) 121:1221-1224.	
	EG	Umana et al., "'Bow-tie' mitral valve repair: An adjuvant technique for ischemic mitral regurgitation" Ann. Thorac. Surg. (1998) 66:1640-1646.	
	EH	Umana et al., "'Bow-tie' mitral valve repair successfully addresses subvalvular dysfunction in ischemic mitral regurgitation," (1997) Surgical Forum pp. 279-280.	

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Application No 10/635, 776

File No 020489-000140US

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Date Mailed 09/26/03

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